

U.S. Department of Commerce, Patent and Trademark Office (PTO Form 1449 modified)				Docket No. WEAT/0135.C1	Serial No. Unknown
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Applicant Mackay	Confirmation No.: Unknown
(Use several sheets if necessary)				Filing Date Herewith	Group Unknown
	Examiner				

## U.S. Patent Documents

*Examiner Initial		Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date If Appropriate
~	A1	6,543,552	05-08-2003	Metcalfe et al.	175	57	
	A2	6,527,049	03-04-2003	Metcalfe et al.	166	277	
	A3	6,457,532	10-01-2002	Simpson	166	380	
	A4	6,446,323	09-10-2002	Metcalfe et al.	29	523	
	A5	6,425,444	07-30-2002	Metcalfe et al.	166	387	
	A6	6,325,148	12-04-2001	Trahan et al.	166	297	
	A7	6,135,208	10-24-2000	Gano, et al.	166	313	
	A8	6,098,717	08-08-2000	Bailey et al.	166	382	
	A9	6,021,850	02-08-2000	Wood et al.	166	380	
	A10	5,918,677	07-06-1999	Head	166	380	
	A11	5,901,787	05-11-1999	Boyle	166	135	
	A12	5,794,702	08-18-1998	Nobileau	166	380	
~	A13	5,685,369	11-11-1997	Ellis et al.	166	195	

## Foreign Patent Documents

*Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation	
							YES	NO
~	B1	0 961 007 A2	12-01-1999	Europe	E21B	33/10	<input type="checkbox"/>	<input checked="" type="checkbox"/>
~	B2	2 320 734 A	07-01-1998	Great Britain	E21B	33/127	<input type="checkbox"/>	<input checked="" type="checkbox"/>
~	B3	WO 01/04535	01-18-01	WIPO	F16L	55/16	<input type="checkbox"/>	<input checked="" type="checkbox"/>

\*Examiner Initial      Including Author, Title, Date, Pertinent Pages, Etc.

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~ ~	A14 5,560,426	10-01-1996	Trahan et al.	166	120	
	A15 5,472,057	12-05-1995	Winfree	175	57	
	A16 5,435,400	07-25-1995	Smith	175	61	
	A17 5,409,059	04-25-1995	McHardy	166	208	
	A18 5,271,472	12-21-1993	Letumo	175	107	
	A19 4,848,469	07-18-1989	Baugh et al.	166	382	
	A20 4,697,640	10-06-1987	Szarka	166	120	
	A21 4,669,541	06-02-1987	Bissonnette	166	154	
	A22 4,588,030	05-13-1986	Blizzard	166	120	
	A23 4,531,581	07-30-1985	Pringle et al.	166	120	
	A24 4,429,620	02-07-1984	Burkhardt et al.	91	395	
	A25 4,413,682	11-08-1983	Callihan et al.	166	382	
~ ~	A26 4,324,407	04-13-1982	Upham et al.	277	27	

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*Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation	
						YES	NO
~ ~	B4 WO 99/23354	05-14-1999	WIPO	E21B	43/10		X
~ ~	B5 WO 99/18328	04-15-1999	WIPO	E21B	23/01		X
~ ~	B6 WO 93/24728	12-09-1993	WIPO	E21B	17/10		X

**OTHER ART**

*Examiner Initial	Including Author, Title, Date, Pertinent Pages, Etc.		
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~ ^	A27	4,288,082	09-08-1981	Setterberg, Jr.	277	125	
	A28	4,159,564	07-03-1979	Cooper Jr.	29	727	
	A29	4,127,168	11-28-1978	Hanson et al.	166	123	
	A30	4,069,573	01-24-1978	Rogers, Jr. et al.	29	421 R	
	A31	3,911,707	10-14-1975	Minakov et al.	72	76	
	A32	3,818,734	06-25-1974	Bateman	72	75	
	A33	3,759,281	09-18-1973	Falcuta	137	68	
	A34	3,467,180	09-16-1969	F. Pensotti	165	180	
	A35	3,195,646	07-20-1965	Brown	166	208	
	A36	3,167,122	01-26-1965	Lang	166	14	
	A37	3,087,546	04-30-1963	B. J. Wooley	166	46	
	A38	2,898,971	08-11-1959	G. A. Hempel	153	82	
✓ ✓	A39	2,663,073	12-22-1953	F. J. Bieber et al.	29	148	

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							YES	
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	B8							
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<i>scr</i>	A40	2,627,891	02-10-1953	P. B. Clark	153	82	
	A41	2,499,630	03-07-1950	P. B. Clark	153	81	
	A42	2,383,214	08-21-1945	Prout	153	82	
	A43	1,930,825	10-17-1933	E. F. Raymond	—	—	
	A44	1,597,212	08-24-1926	A. F. Spengler	—	—	
	A45	1,569,729	01-12-1926	O. Duda	—	—	
	A46	1,561,418	11-10-1925	O. Duda	—	—	
	A47	1,545,039	07-07-1925	H. E. Deavers	—	—	
	A48	1,324,303	12-09-1919	R.E. Carmichael	—	—	
	A49	761,518	05-31-1904	H. G. Lykken	—	—	
	A50	2002/0166668-A1		Metcalfe et al.	166	378	12-22-1999
	A51	2002-01666678-A1		Metcalfe et al.	166	380	12-22-1999
<i>✓ ~</i>	A52	09/470,154		Metcalfe et al.	—	—	12-22-1999

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							YES	NO
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	A2							
	A3							

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